

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
23 September 2004 (23.09.2004)

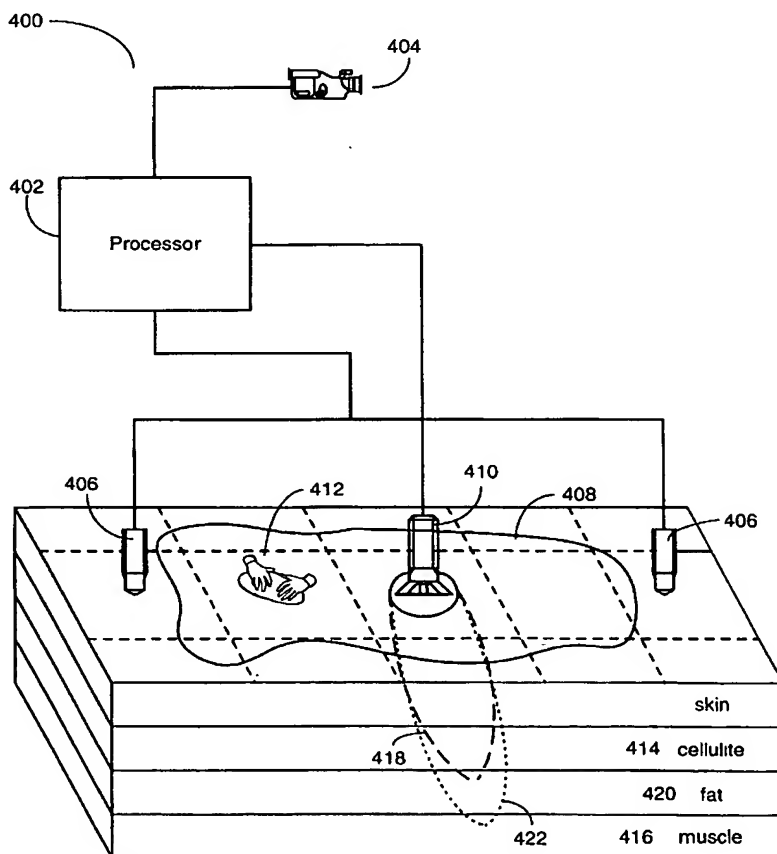
PCT

(10) International Publication Number  
**WO 2004/080147 A3**

- (51) International Patent Classification<sup>7</sup>: **A61H 1/00**, 1/02, 5/00
- (21) International Application Number: PCT/IL2004/000238
- (22) International Filing Date: 11 March 2004 (11.03.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/454,799 13 March 2003 (13.03.2003) US
- (71) Applicant and  
(72) Inventor: **TORBATI, Eldad [IL/IL]**; 50 Kaf Tet Ben-ovember Street, Bat Yam 59648 (IL).
- (74) Agent: **ELIEZRI, Zohar**; Borochoy Korakh Eliezri & Co., 15 Floor, Atidim Tower, Kiryat Atidim, P.O. Box 58100, Tel Aviv 61580 (IL).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: CELLULITE ULTRASOUND TREATMENT



(57) Abstract: A treatment system and method for reducing body perimeter, primarily aimed at cellulite (414) and/or fat (420) at a region of treatment. Ultrasound waves (202) and pressure exertion are applied to the region of treatment, preferably simultaneously. The pressure exertion may include a manual or mechanical massage (212, 310, 412), and/or electrical muscle stimulation (308, 406). An optional ultrasonic transducer head (210, 312, 410) is also utilized to apply pressure and massage. Preferable frequencies and intensities of the ultrasound and the stimulation are also provided.



**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**(88) Date of publication of the international search report:**  
31 March 2005

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL04/00238

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61H 1/00, 1/02, 5/00

US CL : 601/2, 15,21,46,84; 607/3,115

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 601/2, 15,18,20,21,33-35,46,84; 607/3,115

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3,735,756 A (RICHARDS et al) 29 May 1973 (29.05.1973), See entire document	1,4,5,11-13,16-17,20-25,30-38,43,46-47,52-54,57-58,60-66,71-80
X	EP 1219278 A2 (CASAS) 03 July 2002 (03.07.2002), See entire document	1-29,28-70,79,80-82

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

12 January 2005 (12.01.2005)

Date of mailing of the international search report

18 FEB 2005

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
Facsimile No. (703) 305-3230

Authorized officer

Ruth S Smith

Telephone No. (703) 308-0858